

# SEQUENCE LISTING

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<110> Wei et al.

<120> Human Hematopoietic - Specific Protein

<130> PF268D1C1

<150> PCT/US96/04930
<151> 1996-04-11

<150> 08/837,029
<151> 1997-04-11

<150> 09/265,977
<151> 1999-03-11

<160> 8

<170> PatentIn version 3.1

<210> 1
<211> 833
<212> DNA
<213> human

<220>
<221> CDS
<222> (42)..(608)
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cca ctg ctg ctg ctg ctg ctg gga gcc tgg gcc atc cca ggg ggc ctc      104
Pro Leu Leu Leu Leu Leu Leu Gly Ala Trp Ala Ile Pro Gly Gly Leu
      -15      -10      -5
ggg gac agg gcg cca ctc aca gcc aca gcc cca caa ctg gat gat gag      152
Gly Asp Arg Ala Pro Leu Thr Ala Thr Ala Pro Gln Leu Asp Asp Glu
-1  1      5      10      15
gag atg tac tca gcc cac atg ccc gct cac ctg cgc tgt gat gcc tgc      200
Glu Met Tyr Ser Ala His Met Pro Ala His Leu Arg Cys Asp Ala Cys
      20      25      30
aga gct gtg gct tac cag atg tgg caa aat ctg gca aag gca gag acc      248

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Arg Ala Val Ala Tyr Gln Met Trp Gln Asn Leu Ala Lys Ala Glu Thr
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aaa ctt cat acc tca aac tct ggg ggg cgg cgg gaa ctg agc gag ttg      296
Lys Leu His Thr Ser Asn Ser Gly Gly Arg Arg Glu Leu Ser Glu Leu
      50      55      60
gtc tac acg gat gtc ctg gac cgg aac tgc tcc cgg aac tgg cag gac      344
Val Tyr Thr Asp Val Leu Asp Arg Asn Cys Ser Arg Asn Trp Gln Asp
      65      70      75
tac gga gtt cga gaa gtg gac caa gtg aaa cgt ctc aca ggc cca gga      392
Tyr Gly Val Arg Glu Val Asp Gln Val Lys Arg Leu Thr Gly Pro Gly
      80      85      90      95
ctt agc gag ggg cca gag cca agc atc agc gtg atg gtc aca ggg ggc      440
Leu Ser Glu Gly Pro Glu Pro Ser Ile Ser Val Met Val Thr Gly Gly
      100      105      110
ccc tgg cct acc agg ctc tcc agg aca tgt ttg cac tac ttg ggg gag      488
Pro Trp Pro Thr Arg Leu Ser Arg Thr Cys Leu His Tyr Leu Gly Glu
      115      120      125
ttt gga gaa gac cag atc tat gaa gcc cac caa caa ggc cga ggg gct      536
Phe Gly Glu Asp Gln Ile Tyr Glu Ala His Gln Gln Gly Arg Gly Ala
      130      135      140
ctg gag gca ttg cta tgt ggg gga ccc cag ggg gcc tgc tca gag aag      584
Leu Glu Ala Leu Leu Cys Gly Gly Pro Gln Gly Ala Cys Ser Glu Lys
      145      150      155
gtg tca gcc aca aga gaa gag ctc tagtcctgga ctctaccctc ctctgaaaga      638
Val Ser Ala Thr Arg Glu Glu Leu
      160      165
agctggggct tgctctgacg gtctccactc ccgtctgcag gcagccagga gggcaggaag      698
cccttgctct gtgctgccat cctgcctccc tctccagcc tcagggcact cgggcctggg      758
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aaaaaaaaaa aaaaaa

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<210> 2  
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 <212> PRT  
 <213> human

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 Ile Pro Gly Gly Leu Gly Asp Arg Ala Pro Leu Thr Ala Thr Ala Pro  
       -5                      -1 1                      5                      10  
  
 Gln Leu Asp Asp Glu Glu Met Tyr Ser Ala His Met Pro Ala His Leu  
           15                      20                      25  
  
 Arg Cys Asp Ala Cys Arg Ala Val Ala Tyr Gln Met Trp Gln Asn Leu  
           30                      35                      40  
  
 Ala Lys Ala Glu Thr Lys Leu His Thr Ser Asn Ser Gly Gly Arg Arg  
           45                      50                      55  
  
 Glu Leu Ser Glu Leu Val Tyr Thr Asp Val Leu Asp Arg Asn Cys Ser  
       60                      65                      70  
  
 Arg Asn Trp Gln Asp Tyr Gly Val Arg Glu Val Asp Gln Val Lys Arg  
       75                      80                      85                      90  
  
 Leu Thr Gly Pro Gly Leu Ser Glu Gly Pro Glu Pro Ser Ile Ser Val



followed by nucleotides complementary to the last 21 nucleotides of hHSP including the stop codon.

<400> 6  
gcgtctagag aggtcactgg gttttatttg 30

<210> 7  
<211> 34  
<212> DNA  
<213> Artificial Sequence  
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<221> Primer\_Bind  
<223> Synthetic primer containing a Bam HI site, an AUG start codon and 16 nucleotides thereafter.

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<211> 57  
<212> DNA  
<213> Artificial Sequence  
<220>  
<221> Primer\_Bind  
<223> Synthetic primer containing an Xba I site, a stop codon, 9 codons forming hemagglutinin tag and 18 bp of 3' coding sequence.

<400> 8  
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